SALES AND ENGINEERING DATA

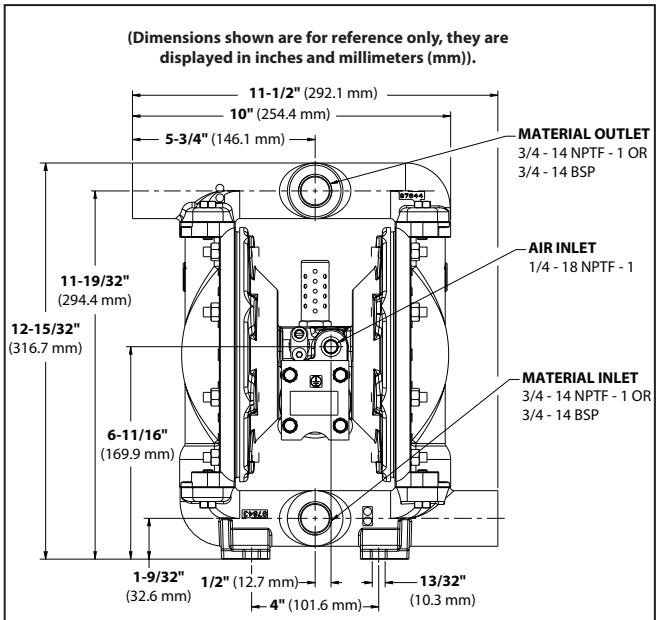
RATIO SERIES:	1:1
FLUID PSIG RANGE:	20 - 120

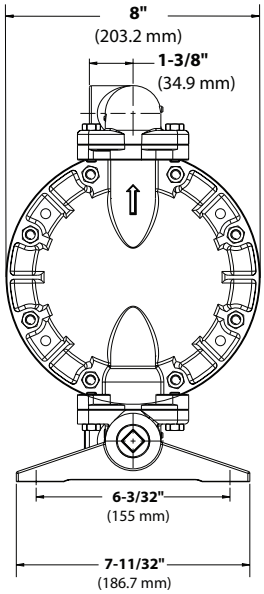
66607X-XXX-A AND 66608X-XXX-A
3/4" METALLIC DIAPHRAGM PUMP

RELEASED: 3-27-20
REVISED: 6-12-20
(REV: B) S-1621

DIMENSIONAL DATA 6660XX-XXX-A

(Dimensions shown are for reference only, they are displayed in inches and millimeters (mm)).





SPECIFICATIONS 6660XX-XXX-A

CONSTRUCTION

Model Series 66607X-XXX-A
66608X-XXX-A
Pump Type ..... Metallic, Air operated, Double Diaphragm
Ratio 1:1
Material Inlet / Outlet (female)
66607X-XXX-C ..... 3/4-14 NPTF- 1
66608X-XXX-C ..... 3/4-14 BSP
Air Inlet (female) ..... 1/4 - 18 NPTF- 1
Air Exhaust (female) ..... 3/8 - 18 NPTF - 1
Weight
Aluminum ..... 17.5 lbs (7.94 kgs)
Air Section Service Kit 637118-C
Fluid Section Service Kit 637119-XX-C

6660XX - X[X][X] - C
637119 - [X][X] - C
Ball Material — Diaphragm Material
Example: Model 666070-1EB-A
Fluid Section Service Kit is 637119-EB-C

PERFORMANCE

Air Inlet Pressure Range ..... 20 - 120 psig (1.4 - 8.3 bar)
Maximum Material Inlet Pressure ... 10 psig (0.69 bar)
Fluid Pressure Range ..... 20 - 120 psig (1.4 - 8.3 bar)
Maximum Flow Rate (flooded inlet) ... 33 gpm (125 lpm)
Maximum Particle Size ..... 1/8" dia. (3.2 mm)
Maximum Temperature Limits (diaphragm / ball / seat material)
Acetal ..... -20° to 180° F (-29° to 82° C)
E.P.R. / EPDM ..... -60° to 280° F (-51° to 138° C)
Hytrel® ..... -20° to 180° F (-29° to 82° C)
Neoprene ..... 0° to 200° F (-18° to 93° C)
Nitrile ..... 10° to 180° F (-12° to 82° C)
Polypropylene ..... 32° to 175° F (0° to 79° C)
Polyurethane ..... -10° to 150° F (-23° to 66° C)
Kynar® PVDF ..... 10° to 200° F (-12° to 93° C)
Santoprene® ..... -40° to 225° F (-40° to 107° C)
PTFE ..... 40° to 225° F (4° to 107° C)
Viton® ..... -40° to 350° F (-40° to 177° C)
Displacement / Cycle @ 100 psig
Standard Diaphragm ..... 0.15 gal. (0.57 lit)
Noise Level @ 70 psig, 60 cpm① ..... 78.3 dB(A)②

① Tested with 93110 muffler installed.
② The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (LA_{eq}) to meet the intent of ANSI S1.13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

ACCESSORIES:
65010 Neoprene "O" Ring Air Motor Kit
65764 Viton "O" Ring Air Motor Kit
66073-2 Air Line Connection Kit
637167 Abrasion Resistant Conversion Kit

INGERSOLL RAND COMPANY LTD
209 NORTH MAIN STREET – BRYAN, OHIO 43506
✆ (800) 495-0276 • FAX (800) 892-6276

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PERFORMANCE CURVES

